

IEC 62443-4-1

Secure Product Development Lifecycle Certification

Product Security

To effectively promote product security activities and enhance the Company's product security capabilities, Delta established the Product Security Steering Committee in 2020 with the approval of the CEO. In April of the same year, Delta obtained IEC 62443-4-1 certification, establishing consistent product security policies, guidelines, and frameworks, and thoroughly implementing them in Delta's products. Furthermore, to ensure the quality and continuous improvement of Delta's product security, Delta's Product Security Office obtained the TAF ISO/IEC 17025 Product Security Assessment Lab certification in 2022, and collaborated with experts in various business groups to establish a Product Security Committee and a Product Security Issue Response Team, in order to jointly maintain Delta's product security.

Product Security Organization

Delta's Product Security Steering Committee is jointly established by the head of the Delta Research Center and the presidents of each business group. The committee is responsible for supervision and implementation of the Company's product security work. Meetings are held every six months to review the implementation results of product security strategies, discuss major product security issues, and formulate strategic directions. To ensure the effectiveness of product security strategic directions as well as qualitatively and quantitatively improve product security and the effectiveness of product security incident management, Delta has established the Product Security Committee, Product Security Office, and Product Security Issue Response Team. These entities help product development units effectively respond to product security requirements, product security threats and risks, and the response and handling of product security issues based on the regulations and customers of each country, thus ensuring product security based on the Company's overall product portfolio.








Product Security Investment and Development Status

Delta has established comprehensive product security guidelines based on the secure product development lifecycle requirements of IEC 62443-4-1. The contents are revised annually by the Product Security Committee, Product Security Office, and Product Security Issue Response Team according to their respective professional scope. The scope covers the entire product life cycle, from the organization and establishment of the product project, establishment of roles and responsibilities, assessment of security requirements, functional design and implementation, testing and verification, to post-market security updates, vulnerability handling, and continuous improvement to the product, all the way to product decommissioning.

As of 2024, Delta's DeltaGrid® management system and commercial and industrial (C&I) solution products have obtained IEC 62443-3-3 certification, and UPS management interface card products have obtained IEC 62443-4-2 certification. Furthermore, all certifications were awarded at Security Level 2. Delta's Product Security Office supports product teams in obtaining certifications such as ISO 21434, GE ACC Level II, and TW EV BSMI VPC based on the best practices of IEC 62443, to meet regional regulatory requirements and customer product security expectations.

IEC 62443-4-1 Certification (Issued by IECEE)

		Ref. Certif. No. DE 7-0459
IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE)		
Certificate of Conformity – Industrial Cyber Security Capability		
Type	Process Capability Assessment	
Name and address of the applicant	Delta Electronics, Inc. 186 Ruey Kuang Road, Neihu, Taipei 11491, Taiwan	
Certificate Coverage (including Version)	Delta Cyber Security Management Process Rev. 01	
Standard	IEC 62443-4-1:2018	
Requirements Assessed / Total Requirements	Security management (13/13), Security requirements (5/5) Secure by design (4/4), Secure Implementation (2/2) Security verification and validation testing (5/5) Management of security-related issues (6/6) Security update qualification (5/5), Security guidelines (7/7)	
Additional information (if necessary may also be reported on page 2)	<input type="checkbox"/> Additional Information on page 2	
As shown in the Test Report Ref. No. which forms part of this Certificate	TWR1911004 001	
This Certificate of Conformity, issued by the National Certification Body, certifies that the above have been found to be in conformity with the requirements of the Industrial Cyber Security Capability Scheme (IECEE OD-2061) as it relates to the claims declared by the Applicant.		
This CB Test Certificate is issued by the National Certification Body:		
Date: 2020-04-09		 Signature:  Matthias Springer

IEC 62443-4-1 Certification (Issued by TUV NORD)

TÜVNORD

Certificate

No. NF1106250007

TUV NORD Taiwan Co., Ltd. hereby certifies to the product supplier

Delta Electronics, Inc.

188 Ruey Kuang Road, Neihsu, Taipei 11491, Taiwan

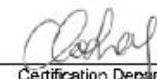
that the product development lifecycle
meets the process requirements listed in the below mentioned standard(s)

- IEC 62443-4-1:2018
SECURITY FOR INDUSTRIAL AUTOMATION AND CONTROL SYSTEMS
PART 4-1: Secure product development lifecycle requirements
Maturity Level 3: Defined (Practiced)

Base of certification is the report
TWR2505024 001 in the valid version.

Valid until: 2030-07-03

Taipei: 2025-07-04



Certification Department
TUV NORD Taiwan Co., Ltd.



Product Certification
PC 094

The certificate can be verified by info.pc@tuv-nord.com. This certification system is based on ISO 17066.
Report of voluntary examinations of the subject(s) is for compliance with the requirements, where the standard(s) is accordingly
applied. It is confirmed that the applicant has chosen to address the CyberSecurity via compliance with the standard(s) listed in
this report. The certificate must be associated with report.

Certificate Appendix

This appendix forms integral part of Certificate No. NF1106250007

Certificate Holder	Delta Electronics, Inc. 186 Ruey Kuang Road, Neihsu, Taipei 11491, Taiwan
Overall CyberSecurity management Responsibility	Product Security Office (PSO) (See note)
Requirements Assessed / Total Requirements	Practice 1: Security management (13/13) Practice 2: Security requirements (5/5) Practice 3: Secure by design (4/4) Practice 4: Secure implementation (2/2) Practice 5: Security verification and validation testing (5/5) Practice 6: Management of security-related issues (6/6) Practice 7: Security update qualification (5/5) Practice 8: Security guidelines (7/7)

Note:

- This CyberSecurity Management Certification only refers to the listed company location and their involved departments, which comply with the organizational requirements. In extension, development activities can be taken over by local teams which are deployed at further locations and are under the responsibility of the "Product Security Office (PSO)"
- This certificate does not imply approval or certification for specific security related developments of products.


Certification Department
TUV NORD Taiwan Co., Ltd.



The certificate can be verified by info.pc@tuv-nord.com. The certification system is based on ISO 17065.
Report of voluntary examinations of the subject(s) is for compliance with the requirements, where the standard(s) is accordingly applied. It is confirmed that the applicant has chosen to address the CyberSecurity via compliance with the standard(s) listed in this report. The certificate must be associated with report.

